



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#4/A
WM
9/9/03

Applicant: GANG LUO ET AL.

§ Group Art Unit: 2172

Serial No.: 09/842,991

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Filed: April 26, 2001

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For: METHOD AND APPARATUS FOR
PERFORMING HASH JOIN

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Examiner: Chongshan Chen

Atty. Dkt. No.: NCR.0038US
(9558)

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SEP 04 2003

Technology Center 2100

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION MAILED MAY 27, 2003

Dear Sir:

In response to the Office Action of May 27, 2003, please amend the above-identified application as follows:

Amendments to the Claims begin on page 2 of this paper.

Remarks/Arguments begin on page 10 of this paper.

09/02/2003 SSESHE1 00000080 501673 09842991

01 FC:1202 54.00 DA

Date of Deposit: August 27, 2003
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313.
Dawn L. Thomas
Dawn L. Thomas

AMENDMENT TRANSMITTAL LETTER (Large Entity)Applicant(s): **GANG LUO ET AL.**

Docket No.

NCR.0038US(9558)Serial No.
09/842,991Filing Date
April 26, 2001Examiner
Chongshan ChenGroup Art Unit
2172Invention: **METHOD AND APPARATUS FOR PERFORMING HASH JOIN****RECEIVED****SEP 04 2003**TO THE COMMISSIONER FOR PATENTS:**Technology Center 2100**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED

	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	35 -	32 =	3 x	\$18.00	\$54.00
INDEP. CLAIMS	3 -	3 =	0 x	\$84.00	\$0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$0.00
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$54.00

- ☐ No additional fee is required for amendment.
- ☒ Please charge Deposit Account No. **50-1673(9558)** in the amount of **\$54.00**
- ☐ A check in the amount of _____ to cover the filing fee is enclosed.
- ☒ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. **50-1673(9558)**
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Signature

Dated:

8-27-03

Dan C. Hu
Reg. No. 40,025
TROP, PRUNER & HU, P.C.
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Houston, Texas 77024

I certify that this document and fee is being deposited on **8/27/2003** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-7450.

Signature of Person Mailing Correspondence**Dawn L. Thomas**

Typed or Printed Name of Person Mailing Correspondence

CC: